

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/014700

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F16J15/32 F16J15/34 F16J15/48

2, 5, 6

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F16J C09K B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	US 2003/189295 A1 (KUSANO HIROO ET AL) 9 October 2003 (2003-10-09) paragraph '0044! claims 1-3, 5, 8, 14, 15 figures 1-3	1-7
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 03, 5 May 2003 (2003-05-05) & JP 2002 336356 A (HITACHI CABLE LTD), 26 November 2002 (2002-11-26) abstract	1-3
A	EP 1 000 975 A (HITACHI CABLE) 17 May 2000 (2000-05-17) paragraphs '0005!, '0006!, '0010!, '0011!, '0018! claims 1, 7	1-3, 7
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

29 December 2004

Date of mailing of the international search report

07/01/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 06, 3 June 2003 (2003-06-03) -& JP 2003 049950 A (HITACHI CABLE LTD), 21 February 2003 (2003-02-21) abstract; claims 1-4; figure 3 -----	1-5
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 10, 10 October 2002 (2002-10-10) -& JP 2002 161981 A (NISSAN MOTOR CO LTD), 7 June 2002 (2002-06-07) abstract; claim 4; figures 2,3 -----	1,6,7

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Information on patent family members

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		EP 1000975 A2	17-05-2000
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JP 2003049950 A	21-02-2003	NONE	
JP 2002161981 A	07-06-2002	NONE	